Table 13.--Engineering Index Properties

(Absence of an entry indicates that data were not estimated.)

		 	Classif	ication	Frag-	Frag-	P4	ercenta	ge pass	ing	I	I
Soil name and	 Depth	USDA texture			ments		, <u>-</u> `		number-		 Liquid	 Plas-
map symbol			 Unified	AASHTO		3-10	 	<u> </u>	l	l	limit	ticity
			<u>.</u>	İ	inches	inches	4	10	40	200	<u>i</u>	index
!	<u>In</u>		l		Pct	Pct	l		l		Pct	l
			ļ		l			l				l
AcD*, AcE*,									!	ļ		ļ
AcF*, AcG*: Annaberg	 0-5	 Gravelly loam	laa aw-aa Iaa aw-aa	 	 5-30	 1-5	 65-85	 60-80	 	 45-70	 21-48	 4-25
Ailiaberg	l 0-3	Graverry roam	SC, CL	A-7-6	3-30 	1-3 	03-03 	00-80 	33-80 	1 3-70	21-40	1 -23
	5-10	Very gravelly	•	•	0	0-2	40-50	35-45	35-45	30-40	21-48	4-25
ļ		loam, very	ĺ	A-2-6,	ĺ		ĺ	ĺ	ĺ	Ì	İ	ĺ
		gravelly clay	!	A-4, A-6	ļ		!	ļ	!	ļ.	ļ	ļ
ļ		loam, extremely	 	 	l		 	 	 	!		
!		gravelly clay	! !	! !	l I		! !	 	 		I I	l I
ļ		loam.	i	i	i		i	! 	i	i	i	i
ļ	10-13	Weathered	j	j	i	i	j	j	j	j	j	i
!		bedrock.	ļ.		l					ļ		l
	13-60	Unweathered	ļ	!								
ļ		bedrock.	 	 	l I		 	 	 			
Cramer	l l 0-9	 Gravelly clay	CL, CH,	 A-7	l 5-30	 1-5	। 65-85	I 60-80	I 50-60	 45-55	 39-66	 18-39
		loam.	GC, SC	i					İ	i	i	İ
ļ	9-19	Clay, clay	CH, CL	A-7-6	0	0	80-100	80-100	75-95	70-80	48-66	25-39
		loam,	!				ļ .		!	ļ		ļ
ļ		gravelly		 	l i			l i	!	ļ		 -
!	 19-32	clay. Weathered	l I	l I	l I	l I	 	l l	 		 	l I
ŗ	52	bedrock.	i İ	i	 		¦ 	 	¦ 	i	i	i İ
ļ	32-60	Unweathered	j	j	i	i	j	j	j	j	j	i
ļ		bedrock.	ļ.	I						[l
3D+ 3E+				 	l i			l i	!	ļ		
AmD*, AmE*, AmF*, AmG*:			! !	 	l I	 	 	l I	 	 	l I	l I
	0-5	Gravelly loam	GC, GM-GC,	A-4, A-6,	 5-30	1-5	 65-85	 60-80	 55-80	45-70	21-48	4-25
	i	j	SC, CL	A-7-6	İ	j	İ	İ	İ	İ	į	İ
ļ	5-10	Very gravelly	GC, GM-GC	•	0	0-2	40-50	35-45	35-45	30-40	21-48	4-25
		loam, very	ļ	A-2-6,								
ļ		gravelly clay	l I	A-4, A-6	l I	l i	 	l I	 	!	l i	l I
ŗ		extremely	i İ	i	 		¦ 	 	¦ 	i	i	!
		gravelly clay	İ	į	İ		i	j	İ	i	i	İ
		loam.	l	l	l		l		l			l
	10-13	Weathered										
ļ	 13-60	bedrock. Unweathered	l I	 	 	 	 	 	 	 	 	l I
Ţ	13 00	bedrock.	i	! 	! 		¦	! 	¦	i	i	!
ļ	i	İ	İ	İ	İ	j	İ	İ	İ	İ	į	İ
Maho Bay	0-7	Gravelly loam	CL	A-6	5-15	5-15	90-100	90-100	80-90	70-90	30-40	10-20
ļ	7 11	 Cmarroller Laam	 ar ar wr		 0-5	0 20	 00 100	 00 100		170 00	 25-40	 5-20
!	/-II 	Gravelly loam,	CL, CL-ML	A-6, A-4 	U-5 	U-2U 	90-100 	 90-100	80-90 	/0-90 	25-40 	5-20
ļ		loam.	<u> </u>	<u> </u>			i		i	i	i	İ
	11-22	Silty loam	ML, CL-ML	A-4	0	0-15	25-45	15-40	15-35	10-20	j	i
İ	22-60	Unweathered										
		bedrock.							!			ļ
		l .	I	I	I	I	I	I	I	1	I	I
Aga	0-60	Variable	i	i	i o	i o	i	i	i	i	i	i
AqA Aquents	0-60	 Variable	j I	j I	0 0	0 	j I	 	j I	 	j I	

Table 13.--Engineering Index Properties--Continued

Soil name and	 Denth	 USDA texture	Classif		Frag- ments		Pe	ercenta	ge pass number-		 Liquid	 Plas-
map symbol	 	 	 Unified 	 AASHTO 	> 10	3-10 inches	 4	sieve i	 40	- 200	limit	•
	<u>In</u>	I 			Pct	Pct	'	 _	 _	<u> 200 </u> 	Pct	
	ļ	ļ		ļ	ļ	ļ	ļ		ļ		ļ	
ArB, ArC, ArD, ArE, ArF Arawak		 Gravelly loam 	 GC, CL, SC 	 A-7-6, A-6, A-2-6	 1-5 	 1-5 	 60-80 	 50-80 	 40-70 	 20-60 	 30-44 	 11-22
	 6-11 	Gravelly loam, very gravelly loam, very gravelly clay loam.	j !		 0-2 	 0-5 	 50-80 	 40-80 	 30-70 	 15-60 	 25-44 	 11-22
	 11-14 	Yery gravelly loam, very gravelly clay loam.	į	 A-6, A-2-6, A-2-7	 0-2 	 0-5 	 30-80 	 30-80 	 20-80 	 15-80 	25-44 	 11-22
	 14-60 	Weathered bedrock.	 	 	 	 	 	 	 	 	 	
BrB* Beaches	 0-60 	 Unweathered bedrock. 	 	 	 	 		 	 	 		
BsB*	0-6	 Sand	SP	 A-1, A-3	0	0	100	 75-100	5-85	0-5	i	NP
Beaches	6-60 	Coarse sand, sand, sand, sand.	SP 	A-1, A-3 	0 	0 	100 	75-100 	5-85 	0-5 	 	NP
BtB*	0-6	· -	GP, SP	A-1		30-65	20-55	20-50	5-30	0-5		NP
Beaches	 6-60 	stony sand. Extremely stony coarse sand, extremely cobbly sand, very cobbly sand.	 	 A-1 	 	 50-75 	 20-65 	 20-60 	 5-30 	 0-5 	 	 NP
	0-8	 Clay loam	CT	 A-7-6,	0	0-1	100	 90-100	 85-95	60-70	30-48	11-32
Carib	 8-32 	 Clay loam, sandy clay loam.	 CL 	A-6 A-7-6, A-6 	 0 	 0-1 	 100 	 90-100 	 85-95 	 60-70 	 30-48 	 11-32
	 32-52 	•	 - CT	 A-7-6, A-6 	 0 	 0-1 	 90-100 	 75-90 	 60-90 	 55-75 	30-45 	 11-25
	52-60 	Clay loam, sandy clay loam, sandy loam.	 - CT	A-7-6, A-6 	0 	0-1 	80-100 	75-90 	55-80 	45-75 	30-45 	11-25
Cinnamon Bay	İ	 Loam 	CL, CL-ML	 A-7-6, A-6, A-4	•	İ	 90-100 	İ	İ	İ	21-48	 4-25
	11-21 	Loam, clay loam, gravelly clay loam.		A-7-6, A-6, A-4 	0 	0-1 	80-95 	75-90 	60-80 	45-60 	21-48 	4-25
	21-60 	Sandy clay loam, sandy loam, gravelly sandy clay loam.	SC, SC-SM 	A-7-6, A-6, A-4 	0 	0-1 	80-100 	75-95 	55-75 	25-50 	21-48 	4-25

Table 13.--Engineering Index Properties--Continued

			Classif		•	Frag-	Po		ge pass:			
	Depth	USDA texture		•	ments	•	!	sieve :	number-	-	Liquid	•
map symbol	 	 	Unified	AASHTO	•	3-10 inches	 4	 10	 40	 200	limit	ticity index
	In	l	l	l	Pct	Pct	 	 	<u></u> -	<u></u>	Pct	
	i —	i İ		İ	i —	. — İ	İ	İ	i İ	İ	; —	İ
	0-11	Gravelly loam	•	•	0	0-1	80-90	80-85	65-75	45-55	21-48	4-25
Cinnamon Bay	 11-21	 Loam, clay	SC, SC-SM CL, CL-ML,		 0	 0-1	 80-95	 75-90	 60-80	 45-60	 21-48	 4-25
		loam,	•	A-6, A-4		0-1	 	/3-30	 		21-40	1-23
	İ	gravelly clay		ĺ	İ	ĺ	İ		ĺ	ĺ	į	ĺ
	 21-60	loam. Sandy clay	 sc,sc-sm	 a = 7 = 6	 0	 0-1	 80=100	 75_95	 55-75	 25-50	 21-48	 4-25
		loam, sandy		A-6, A-4	!	0 -					22 10	123
	İ	loam,		ĺ	İ	ĺ	İ		ĺ	ĺ	į	ĺ
	 	gravelly sandy clay	 	 	 	 	 	 	 	 	 	
	! 	loam.	! 	! 	<u> </u>	<u> </u>	¦	 	<u> </u>	¦	<u> </u>	<u> </u>
	İ	İ		ĺ	İ	ĺ	İ		ĺ	ĺ	į	ĺ
CvC*, CvD*, CvE*, CvF*:	 	l I	 	 		 	 	 	 	 	 	
=	0-9	 Gravelly clay	CL, CH	 A-7, A-6	 1-5	 1-5	 80-90	 70-80	 70-80	 60-70	 39-66	 18-39
	į	loam.	ĺ	į	į	į	į	į	į	į	į	į
	9-19	Clay, clay loam,	CH, CL	A-7-6	0	0	80-100	80-100 	75-95 	70-80 	48-66	25-39
	 	gravelly	! 	! 	<u> </u>	! 	¦	! 	! 	 	<u> </u>	!
	į	clay.	ĺ	į	į	į	į	į	į	į	į	į
	19-32	Weathered bedrock.	 !									
	 32-60	Unweathered	 	 	 	 	 	! 	 	 	 	!
	į	bedrock.	İ	İ	İ	İ	İ	İ	İ	İ	į	İ
Wictory	 0-11	 Loam	 cc_cm_cc	 a	 1-5	 1-5	 65-95	 60-90	 55-80	 45-75	 25-35	 7-15
VICCOLY	0-11	DOMIL	SC, CL	A-4, A-0 	1-3 	1-3 		00-90 		43-73	25-35	/-13
	11-20	Loam, gravelly	:	A-4, A-6	0	0-1	65-95	60-90	55-80	45-75	25-35	7-15
	 20-33	loam. Gravelly loam,	GM-GC, SC	•	 0	 1-5	 40-60	 30-45	 25-40	 20-30	 25-35	 7-15
		very gravelly		A-2-6		- 3					23 33	, 13
	İ	loam,		ĺ	İ	ĺ	İ		ĺ	ĺ	į	ĺ
	 	extremely gravelly	 	 		 	 	 	 	 	 	
	! 	loam.	! 	! 	<u> </u>	<u> </u>	¦	 	<u> </u>	¦	<u> </u>	<u> </u>
	33-50	Weathered		ļ							ļ	ļ
	 50-60	bedrock. Unweathered	 	 		 	 	 	 	 		
		bedrock.	 	 	 	 	 	 	 	 		
	ļ	ļ	ļ	!	!	!	!	ļ	!	ļ	!	ļ.
DoE*, DoF*, DoG*:	 	 	 	 	 	 	 	l I	 	 	 	l I
	0-6	Clay loam	CL, CH	 A-7	 5-15	 5-10	100	100	 90-100	 70-80	46-54	25-31
	6-19		CH	A-7	0	0	100	100	90-100	75-95	56-66	33-41
	 	loam, gravelly	l I	l I	l I	 	 	l I	 	 	 	l I
	i	clay loam.	! 	<u> </u>	i	i	i	<u> </u>	i	i	<u> </u>	i
	 19-30	Clay loam, gravelly clay	CL, ML,	A-7 	0 	0 	100 	100 	90-100 	70-80 	42-56 	17-25
	i	loam, loam.		İ	i	i	i		i	<u> </u>	i	İ
	30-60	•	CL, CH	A-7	0-10	5-20	75-85	70-80	65-80	50-65	42-56	17-30
	 	loam, gravelly	 	 	I I	 	 	 	 	 	 	l I
	<u> </u>	loam, clay			i	Ϊ	i	 	Ϊ	<u> </u>	<u> </u>	<u> </u>
	ļ	loam.	ļ	ļ.	ļ.	ļ.	ļ.	ļ	ļ.	ļ.	ļ.	ļ
	I	I	I	l	I	I	I	l	I	I	I	I

Table 13.--Engineering Index Properties--Continued

			Classif	ication	Frag-	Frag-	P	ercenta	ge pass	ing		l
Soil name and	Depth	USDA texture			ments	ments	l	sieve	number-		Liquid	Plas-
map symbol	1		Unified	AASHTO	> 10	3-10	I	1	I	1	limit	ticity
	<u> </u>	İ		İ	inches	inches	4	10	40	200	<u> </u>	index
	<u>In</u>				Pct	Pct	l			1	Pct	
		l			1	l	l	1	1	1		l
DoE*, DoF*, DoG*:	 	 	 	 	 	 	 	 	 	 	 	
Susannaberg-	0-2 	Clay loam 	CL, CH, GC, SC	A-7 	5-30 	1-5 	65-85 	60-80 	50-60 	45-55 	46-66 	25-41
	2-9 	Clay, clay loam, gravelly clay.	CL, CH 	A-7-6 	0 	0-1 	80-90 	70-80 	60-70 	50-60 	40-56 	20-33
	9-15 	Very gravelly clay, very gravelly clay loam, gravelly clay loam.	 	A-7-6 	0	0-2 	 60-70 	50-70 	45-60 	40-55 	40-56 	20-33
	 15-21 	Weathered bedrock.	 	 		 	 					
	 21-60 	Unweathered		 	 	 	 	 	 	 		
FsD*, FsE*, FsF*, FsG*:	 	 		 		 	 	 	 		 	
	0-7	 Very gravelly clay loam.	GC, CH, SC	 A-7 	5-30	 1-5 	 65-85 	 60-70	 50-60	45-55	46-66	 25-41
	 7-12 	Very gravelly clay loam, very gravelly clay.		 A-7-6 	 0 	 0-2 	 60-70 	 50-70 	 45-60 	 40-55 	40-56 	 20-33
	 12-16 	Weathered bedrock.		 	į	 	i I	i	i	i	i	i I
	 16-60 	Unweathered bedrock.		 	 	 	 	i	 	 		
Susannaberg-	0-2	 Clay loam 	 CL, CH, GC, SC	 A-7 	 5-30 	 1-5 	 65-85 	 60-80 	 50-60 	 45-55 	 46-66 	 25-41
	2-9 	Clay, clay loam, gravelly clay.	CL, CH	 A-7-6 	0 	0-1 	80-90 	70-80 	60-70 	50-60 	40-56 	20-33
	9-15 	Very gravelly clay, very gravelly clay loam, gravelly clay loam.	 	 A-7-6 	0	0-2 	 60-70 	50-70 	45-60 	40-55 	40-56 	20-33
	15-21	Weathered			j	i	į	į	į	į	į	!
	 21-60	bedrock. Unweathered		 		 	 					
	 	bedrock. 	 	 		 	 	 	 	 	 	

Table 13.--Engineering Index Properties--Continued

	l		Classif:	ication	Frag-	Frag-	Pe	ercenta	ge pass	ing		
Soil name and	Depth	USDA texture	l		ments	ments	l	sieve 1	number-		Liquid	Plas-
map symbol	I		Unified	AASHTO	> 10	3-10			I	I	limit	ticity
	L				inches	inches	4	10	40	200		index
	<u>In</u>	l			Pct	Pct	l	l	I	I	Pct	
GyA, GyB, GyC- Glynn	 0-4 	 Gravelly loam 	 CL, sC 	 A-7-6, A-6	 0 	 0-1 	 75-95 	 65-95 	 50-75 	 40-60 	 30-48 	 11-25
	4-17 	Gravelly loam, gravelly clay loam, very gravelly clay.		A-7-6, A-6	0 	0-1 	 75-85 	 60-85 	 45-75 	40-60 	30-48 	11-25
	17-27 	Very gravelly loam, very gravelly clay loam, very gravelly clay.	GC, SC	A-7-6, A-6, A-2-6 	0 	0-1 	65-95 	45-95 	30-80 	20-65 	30-53 	11-29
	27-32 	Very gravelly clay loam, very gravelly sandy clay loam, very gravelly clay.	İ	A-7-6, A-6	0 - - - - - -	0-1 	 65-85 	 60-90 	50-80 	40-75 	30-48 	11-25
	32-41 	Very gravelly clay loam, very gravelly clay.	İ	A-7-6, A-6	0 	 	70-85 	 	 	 	30-48 	11-25
	41-60 	Very gravelly clay loam, very gravelly clay, very gravelly sandy clay loam.	İ	A-7-6, A-6, A-2-6	0 	0-1 	65-85 	55-65 	40-60 	25-50 	30-48 	11-25
HeA. HeB. HeC-	l l 0-12	 Clay	leneer	 A-7-6	 0	l l 0	 90-100	l 90-100	 85-95	 70-95	 48-75	 25-46
Hesselberg	 12-17 	Clay, gravelly clay.	CH, CL,	A-7-6	 0-1 	0-2	50-90	•	•	•	48-75 	25-46
	:	Cemented Gravelly sandy loam, loam, gravelly loam.		 A-4, A-6 	 0-1 	 0-1 	 90-100 	 90-100 	 80-90 	 60-70 	 26-34 	 8-14
	:	Clay loam	:	A-7	0	•	•	•	•	•	46-76	•
	İ	Clay loam, clay.		A-7 	0 		İ	İ	İ	İ	46-76	
	31-62 	Clay loam, clay.	CH, CL	A-7 	0 	0 	90-95 	85-90 	80-90 	65-75 	46-76 	25-49
	 62-88 	! -	SC, CL	 A-7, A-6 	 0 	 0-1 	 70-95 	 65-90 	 55-90 	 40-75 	 36-76 	 17-49

Table 13.--Engineering Index Properties--Continued

		İ	Classif	ication	Frag-	Frag-	Pe	ercenta	ge pass	ing		
Soil name and	Depth	USDA texture	I		ments	ments		sieve :	number-		Liquid	Plas-
map symbol	I	1	Unified	AASHTO	> 10	3-10	I	l	I	I	limit	ticity
	İ	İ	İ	İ	inches	inches	4	10	40	200	İ	index
	<u>In</u>	Ī	ĺ	Ī	Pct	Pct	ĺ		l	İ	Pct	l
JaB	 0-6	 Sand	 SP-SM.SM	 A-2.A-3	 0	 0	 100	 100	 50-70	 5-15	 	 NP
Jaucas		Sand	•		0	0	100	•	50-70	5-15	ļ	NP
JsD*, JsE*, JsF*:	 	 	 	 	 	 	 	 	 	 	 	
Jealousy	0-9	Gravelly clay	SC, CL	A-2-7	0	0-1	75-85	75-85 I	70-80	15-20	40-50	20-28
	 9-15 		 - - - 	 A-7-6 	 0 	 0-1 	 75-100 	 75-100 	 70-95 	 55-65 	40-50 	 20-28
	 15-26 		 - - - -	 A-7-6 	 0 	 0-1 	 75-100 	 75-100 	 70-95 	 55-65 	40-50 	 20-28
	26-38 		 	 A-6 	0 	0-1 	 75-100 	75-100 	 70-95 	 55-65 	30-39 	11-18
	38-60 	Weathered bedrock.	 	 	 	 	 	 	 		 	
Southgate	 0-5 	 Gravelly loam 	 GC, GM-GC, SC, CL	 A-4, A-6 	 1-5 	 1-5 	 65-85 	 60-80 	 55-80 	 40-75 	 25-35 	 7-15
	5-10 	Very gravelly loam, very gravelly clay loam.	İ	A-2-4, A-2-6 	0 	0-2 	40-45 	30-35 	25-35 	20-25 	25-35 	7-15
	10-17 	Weathered bedrock.	 	i	j			 		ļ	j	i
	 17-60 	Unweathered bedrock.	 	 	 	 	 	 	 			

Table 13.--Engineering Index Properties--Continued

			Classii	Eication	Frag-	Frag-	P	ercenta	ge pass:	ıng		
Soil name and	Depth	USDA texture		Ī	ments	ments	İ	sieve	number-	_	Liquid	Plas-
map symbol	- i		Unified	AASHTO	> 10	3-10	i	I	Ī	Ī	limit	ticity
i			İ	i	•	inches	4	10	40	200	i	index
Ī	In		İ	Ī	Pct	Pct	ĺ	Ì	Ī	ĺ	Pct	ĺ
į			I	i	i	 I	İ	İ	İ	İ	i	İ
LmC	0-6	Gravelly sandy	GM, GC,	A-1-b,	5-30	5-10	50-55	40-45	25-40	20-35	10-25	NP-15
Lameshur	İ	loam.	GM-GC	A-2-4,	İ	ĺ	ĺ	İ	İ	İ	İ	ĺ
1			l	A-2-6								
	6-18	Extremely	GM, GC,	A-4,	0-5	1-5	50-65	40-50	30-40	25-40	10-25	NP-15
1		gravelly	GM-GC	A-2-4,								
		sandy loam,		A-2-6,								
		extremely		A-6								
ļ		gravelly		ļ			!	!	!	!		
ļ		loamy sand,		1			!	!	!	!		
ļ		very gravelly		ļ	ļ	!	!	ļ	!	!	!	ļ
ļ		loamy sand.		1								
ļ:	18-35	Extremely	GM, GC,	A-1,	5-30	5-10	30-55	25-40	15-35	10-30	10-25	NP-10
!		stony sandy	GP-GM,	A-2-4	!	!	!	!	!	!	!	!
ļ		clay loam,	GM-GC	ļ	!	<u> </u>	!	!	!	ļ	!	<u> </u>
ļ		very stony		!	!			!	!			
!		loamy sand,	l	!		!	!	!	!			ļ
ļ		extremely	 	1		 	 	!	!			
		stony sandy	l i	-		 	 	!		 		
		loam,	l i	-		 	 	!		 		
-		stony sandy	l I	1	i i	 	! !	¦	¦	 		
<u> </u>		clay loam.	l I	-	1	l I	l I	¦		i i		l I
<u> </u>	35-60	_	GM, GC,	A-1,	5-30	I 5-15	I 30-55	 25-40	15-35	I 10=30	10-25	 NP-10
i i	33 00	stony loamy	GP-GM,	A-2-4	1 3 30	1 3 13	1	1	1	1	1	141 10
ł		sand, very	GM-GC		i	! !	¦	i	¦	i	i	! !
i		stony sandy	GII GG 	i	i	! 	! 	i	i	i	i	! I
i		loam,	İ	i	i	i	i	i	i	i	i	i
i		extremely	İ	i	i	i	i	i	i	i	i	i
i		stony loam,	İ	i	i	İ	i	i	i	i	i	İ
i	i	extremely	İ	i	i	į	į	i	İ	i	İ	İ
į	İ	stony	İ	İ	İ	İ	İ	İ	İ	İ	İ	İ
į	İ	sandy clay	ĺ	İ	İ	ĺ	ĺ	İ	İ	İ	İ	ĺ
ĺ	İ	loam.	ĺ	İ	j	ĺ	ĺ	İ	İ	ĺ	İ	ĺ
1				1								
PaB, PaC	0-13	Clay loam	CL	A-7-6	0	0	100	100	90-100	70-80	40-50	20-28
Parasol				1								
:	13-24	Clay loam,	CH	A-7-6	0	0	100	100	85-95	75-95	50-60	28-36
ļ		clay.		ļ			!	!	!	!		
į:	24-40	Clay loam,	CT	A-7-6	0	0	100	100	85-95	70-80	40-46	20-25
ļ		sandy clay		ļ	!	!	!	!	!	!	!	!
ļ		loam, sandy		ļ	!	!	!	!	!	!	!	ļ :
ļ	40.00	loam.										
ļ·	40-80		SC, CL	A-6	0	0	100	100	35-60	35-60	30-39	11-18
!		loamy sand,	l	!		!	!	!	!			ļ
ļ		sandy clay	l I	1	1	 	[!	!	I I	1	
ļ		loam.	 	1	1	 	 	!	!	 		l I
I	0 60	 	l l	1 .	ļ	 	 	I I		I I	I	l I _
D++ 1												
Pt* Pits	0-60	bedrock.	 	i	1	<u> </u>	¦	¦	1	 		¦

Table 13.--Engineering Index Properties--Continued

	l		Classif:	ication	Frag-	Frag-	P	ercenta	ge pass	ing		l
Soil name and	Depth	USDA texture	I		ments	ments	l	sieve 1	number-		Liquid	Plas-
map symbol	 	 	Unified 	AASHTO	> 10 inches	3-10	 4	 10	 40	 200	limit 	ticity index
	In		İ		Pct	Pct	İ				Pct	
	i —		İ	i İ	i ——	i	i	i İ	i	i	i —	i İ
RdB	0-7	Extremely	GP-GM,	A-1-a,	3-25	1-5	20-55	10-50	5-35	5-10	j	NP
Redhook	l	stony sand.	SP-SM	A-1-b	l	l	I	l	l	l		l
	7-10 	sand, very cobbly sand, extremely	GP-GM, SP-SM 	A-1-a, A-1-b 	1-10 	1-5 	20-55 	10-50 	5-35 	5-10 	 	NP
	 	gravelly sand.	 	 	 	 	 	 	 	 	 -	
	10-60	Very gravelly	!	A-1-a,	0-2	1-5	25-55	10-50	5-35	5-10		NP
	 	sand, gravelly sand, very cobbly sand.	SP-SM 	A-1-b 	 	 	 	 	 	 	 	
SaA* Salt flats	 0-6 	 Silty clay loam.	CL, CH, MH	 A-7 	 0 	 0 	 100 	 100 	 100 	 90-100 	 45-75 	 20-40
2420 2240	 6-60 	Stratified clay to silt loam.	 CL, ML, MH 	 A-7 	 0 	 0 	 100 	 100 	 100 	 90-100 	 40-65 	 15-30
SBA*:			 	 4	 	 		 	 	 	 	
Sandy Point	į	Sandy clay loam.	CL, CL-ML	A-6	į	0 	100	İ	90-100 	į	21-48	4-25
	6-33 	Clay loam, loam, sandy clay loam, gravelly sandy clay loam.	CL, CL-ML 	A-7, A-4, A-6 	0 	0 	90-100 	90-100 	 	75-95 	21-48 	4-25
	 33-45	Muck	I PT	 A-8	I I 0	I I 0	 	 	 	¦ 	! 	l NP
	•		:	A-4, A-6 	0 0 	0 0 	 90-100 	'		 90-100 	 21-35 	4-15 4-15
Sugar Beach	0-4	 Muck	 PT	 A-8	 0	 0	¦ 	 	 	¦	 	NP
	4-8 		OL, CL,	 A-4, A-6 	0 	0 	90-100 	90-100	80-100 	75-95 	21-35	4-15
	8-60	Muck	PT	A-8	0	0						NP
SiA, SiB	 0-12	 Clay	 Сн 	 A-7-6 	 0	 0-1	 90-95 	 85-90 	 75-85 	 60-70 	 55-57 	 30-32
51011	:	 Clay loam, clay,	I СН 	 A-7-6 	 0 	 0-1 	 90-95 	I 85-90 	 75-90 	 60-70 	 53-57 	 29-32
	; 	gravelly clay.	 	 	 	 	; 	 	 	; 	 	
	16-32 	Gravelly sandy clay loam, gravelly sandy loam, gravelly loam.	CL, SC, GC 	A-7-6, A-2-7 	0 	0-1 	55-95 	40-90 	35-90 	25-90 	43-46 	21-23
	 32-60 	!	 - CT	 A-4, A-6 	 0 	 0-1 	 90-100 	 90-100 	 80-90 	 60-70 	 26-34 	 8-14

Table 13.--Engineering Index Properties--Continued

Soil name and Depth USDA texture	10 60-75 65-85	 	 200 30-50 	Liquid limit Pct 21-35	:
In	60-75 65-85	 50-70 	 30-50 	Pct	
In	60-75 65-85	 50-70 	 30-50 	i	
SoA	65-85	 	 	i	 4-15
Solitude sandy loam. GM-GC, A-2-4,	65-85	 	 	21-35	4-15
Solitude sandy loam. GM-GC, A-2-4,	65-85	 	 	į	!
		 50-70 	<u> </u> 	i	1
6-28 Gravelly fine SC, SC-SM A-6, 0 0 70-90		 50-70 		I	
sandy loam, A-2-4,		50-70 			
gravelly A-2-6,	15-75		30-40	21-30	4-11
loam.	15-75	1	1	1	i I
sandy loam, GP-GC, A-2-4,	15-75		i	i	i
gravelly SP-SC A-2-6,		15-65	5-50	25-35	7-15
loam. A-4		1	1	į i	!
SrD*, SrE*,		!			!
SrF*, SrG*:				 	
SrF*, SrG*:		i	i		i
loam. SC, CL A-7-6		i	i	i	i
5-10 Very gravelly GC, GM-GC A-2-4, 0 0-2 40-45	60-80	55-80	40-75	25-35	7-15
	20 25				
	30-35	25-35 	20-25 	25-35	7-15
very gravelly		i	i		i
clay loam.		i	i	i	i
10-17 Weathered					
bedrock.		ļ	!		!
17-60 Unweathered					
		¦	1		i
Rock outcrop 0-60 Unweathered		j	i	j	i
bedrock.		[Ţ	[[
		!			!
UbD* 0-60 Variable Urban land					
		i	i		i
UcC*:		i	i	i	i
Urban land 0-60 Variable			ļ		
	00 05				4.05
Cinnamon Bay- 0-11 Loam CL, CL-ML A-7-6, 0 0-1 90-100	90-95	75-85 	55-65 	21-48	4-25
	75-90	 60-80	 45-60	21-48	 4-25
loam, SC, SC-SM A-6, A-4		i	i	i	i
gravelly clay		1	1		1
loam.		!			
21-60 Sandy clay	75-95	55-75	25-50	21-48	4-25
loam, sandy		i	1	1	i I
gravelly		i	i	i	i
sandy clay		İ	į	İ	İ
loam.				_	
77-04:		!	ļ		!
UgC*:					

Table 13.--Engineering Index Properties--Continued

	l	l	Classif	ication	Frag-	Frag-	P	ercenta	ge pass	ing		
Soil name and	Depth	USDA texture	l	l	ments	ments	l	sieve	number-		Liquid	Plas-
map symbol		ļ	Unified	AASHTO	> 10	3-10				[limit	ticity
	<u> </u>					inches	4	10	40	200	<u> </u>	index
	<u>In</u>	<u> </u>	<u> </u>	<u> </u>	Pct	Pct	 :	ļ		!	Pct	 :
11-C+ -	ļ		ļ	 	ļ		l i		ļ	!		
UgC*:	l l 0-4	 Gravelly loam	l Ict. sc	 A-7-6,	 0	 0-1	l 75-95	 65-95	 50-75	 40-60	 30-48	 11-25
0171111	0 -			A-6	"						30 10	11 23
	4-17	Gravelly loam,	CL, SC	A-7-6,	j o	0-1	75-85	60-85	45-75	40-60	30-48	11-25
	 	gravelly clay loam, very	 	A-6 	 	 	 	 		 	 	
	 	gravelly clay.	 	 	 		 			!	 	
	I 17-27	Clay. Very gravelly	CL, CH,	 A-7-6,	l l 0	 0-1	l 65-95	 45-95	 30-90	 20-65	 30-53	 11-29
	į	loam, very	GC, SC	A-6,	i			i	i	i		
	l	gravelly clay	l	A-2-6								
	!	loam, very								!		
	 	gravelly clay.	l I	l I	l i		l i	 	l i	!	l i	l I
	 27-32	Clay. Very gravelly	cL, sc	 A-7-6,	0	 0-1	ı 65-85	 60-90	 50-80	 40-75	30-48	 11-25
	i	clay loam,	İ	A-6	i	i	j	i	j	i	į	j
		very gravelly	ļ					ļ	ļ	[ļ	
	!	sandy clay								!		
	l I	loam, very gravelly	l I	l I	l I		l I	l I	l I	<u> </u>	 	l I
	! 	clay.	i İ	! 	i		! 	İ	i	i	 	!
	32-41	Very gravelly	CL, GC, SC	A-7-6,	j o	0-1	70-85	60-85	45-65	40-60	30-48	11-25
		clay loam,	ļ	A-6				ļ	ļ	[ļ	
	!	very gravelly								!		
	l 41–60	clay. Very gravelly	l lec.sc	 A-7-6,	l l 0	 0-1	l 65-85	 55-65	 40-60	 25-50	 30-48	 11-25
		clay loam,		A-6,	i *							
	İ	very gravelly	İ	A-2-6	į	j	j	į	İ	İ	į	İ
	ļ	clay, very	!					ļ	ļ	ļ		ļ
	 -	gravelly		 -	ļ		 		ļ		 	
	! !	sandy clay loam.	I I	! 	l I		 	l I		1	l İ	!
	i		İ	İ	İ		İ	i	İ	i	İ	İ
	0-60	Variable	i							i		
Ustorthents	ļ		<u> </u>		ļ			ļ	ļ	ļ		
VsC*, VsD*,	 	 	 	 	 		 				 	
VsE*, VsF*:	! 	! [! 	l İ	i İ		l İ	i i	i	ŀ	 	l İ
	0-11	Loam	GC, GM-GC,	A-4, A-6	1-5	1-5	65-95	60-90	55-80	45-75	25-35	7-15
	l		SC, CL									
	11-20	Loam, gravelly	•	A-4, A-6	0	0-1	65-95	60-90	55-80	45-75	25-35	7-15
	20-33	loam. Gravelly loam,	GM-GC, SC		 0	 1_5	 40-60		125-40	20-30	 25-35	 7-15
		very gravelly		A-2-4,	i	1-3 	1 0-00	30- 1 3	23-40	20-30 	25-55	/-13
	i	loam,	İ		İ		İ	i	İ	i	İ	İ
		extremely				l i				1		
		gravelly		ļ	ļ		ļ	ļ	ļ	ļ.		ļ
		loam. Weathered	 	 	 	l 	 	I I	 	I	 	 _
	33-30 	weathered bedrock.	 	 		 	 					
	50-60	Unweathered			i			i	i	i		
			-	-	-		:	-	-	-	-	

Table 13.--Engineering Index Properties--Continued

			Classif	ication	Frag-	Frag-	P	ercenta	ge pass	ing	1	
Soil name and	Depth	USDA texture		I	ments	ments		sieve	number-	_	Liquid	Plas-
map symbol			Unified	AASHTO	> 10	3-10			1		limit	ticity
			İ	İ	inches	inches	4	10	40	200	<u> </u>	index
I	<u>In</u>		l	I	Pct	Pct	1	I	I		Pct	I
VsC*, VsD*,]	 	 		 	 					
VsE*, VsF*:		! 	i	i	i	i	i	i	i	i	i	i
Southgate	0-5	Gravelly loam	GC, GM-GC,	A-4, A-6	1-5	1-5	65-85	60-80	55-80	40-75	25-35	7-15
İ			SC, CL	ĺ	İ	İ	İ	İ	İ	İ	İ	İ
I	5-10	Very gravelly	GC, GM-GC	A-2-4,	0	0-2	40-45	30-35	25-35	20-25	25-35	7-15
I		loam,		A-2-6							1	
I		very gravelly		I							1	
I		clay loam.		I							1	
I	10-17	Weathered										
I		bedrock.		I							1	
I	17-60	Unweathered										
į.		bedrock.	ļ	!	İ	!	ļ.	ļ	!	İ	!	!

^{*} See description of the map unit for composition and behavior characteristics of the map unit.